

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A system for providing continuous reception of a video signal from an on board camera in a mobile object as it moves around a race track comprising:

an on board video camera on the mobile object for generating a video signal and a transmitter provided on the mobile object for transmitting said video signal from the mobile object on a first carrier frequency;

first and second receivers that each receive the transmitted video signal on said first carrier frequency, said first and second receivers having at least partially overlapping detection areas and being located at spaced apart locations about the race track;

a position detector for generating a position signal indicative of the position of said mobile object using indications other than parameters of the received video signal and carrier as the mobile object moves around the race track; and

a controller located other than in the mobile object for selecting and outputting the video signal received by the first of the first and second receivers in response to the position signal and for thereafter selecting and outputting the video signal received by the second of the first and second receivers in response to change in the position signal as the mobile object moves around the track.

2. (Previously Presented) A system according to claim 1 wherein the controller changes from selecting and outputting the signal received by said first receiver to selecting and outputting the signal received by said second receiver when the mobile object is at a predetermined distance from said first receiver.

3. (Original) A system according to claim 1 wherein the first and second receivers have helical antennas.

4. (Previously Presented) A system according to claim 3 wherein said helical antennas are arranged about the race track at a height in the range of from 1.5 to 3 metres relative to the ground.

5. (Previously Presented) A system according to claim 1 wherein the transmitter can be controlled to transmit selectively on a plurality of frequencies.

6. (Original) A system according to claim 5 wherein the transmission frequency of the transmitter is controlled by the controller.

7. (Previously Presented) A system according to claim 1 wherein said position detector determines the position of said mobile object based on information provided by a timing system of the race track.

8. (Previously Presented) A system according to claim 1 additionally comprising a second on board video camera on a second mobile object and a second transmitter provided on said second mobile object, each transmitter simultaneously transmitting video signals to said receivers.

9. (Previously Presented) A system according to claim 1 wherein the receivers and the controller are interconnected by a network.

10. (Previously Presented) A system according to claim 9 wherein:
the network comprises first and second signal lines;
the output of each of the receivers is selectively connectable, under the control of said controller, to the first, the second or neither of said signal lines such that, in use, the output from one of said receivers is connected to the first signal line and the output of a second one of the receivers is connected to the second signal line; and
said controller outputs the signal on the signal line connected to the receiver receiving the selected video signal.

11. (Previously Presented) A system according to claim 10 wherein the controller includes a further output connected to the signal line not connected to the receiver receiving the selected video signal.

12. (Previously Presented) A method of communicating a video signal between a mobile object moving on a race track and a stationary location, the method comprising the steps of:

generating a video signal with an on board video camera mounted on the mobile object;

transmitting the video signal on a first carrier frequency from a transmitter on the mobile object;

providing at least first and second receivers at spaced apart locations about the race track that each receive the video signal from the transmitter on the mobile object on said first carrier frequency; and

determining the location of the moving mobile object on the race track using indications other than signal parameters of the received video signal or its carrier; and

selecting with a controller located other than in the mobile object the video signal received by one of said first and second receivers for output at said stationary location, on the basis of the location of said mobile object as determined in the determining step.

Claims 13-17 (Canceled)

18. (Previously Presented) A system according to claim 1 further comprising additional receivers located at spaced apart locations about the race track for receiving the transmitted video signal, the placement and number of receivers sufficient to ensure that there are at least partially overlapping reception areas between adjacent receivers and that there is never a break in the reception of the transmitted video signal as the mobile object moves completely around the race track.

19. (Previously Presented) A system according to claim 1 wherein the mobile object is a race car.

20. (Previously Presented) A method according to claim 12 wherein the mobile object is a race car.